

Doehler, Ronald

Continuation of Employment by Older Citizens
Considered, 7 pp.

ARBEIT UND ARBEITSRECHT, East Berlin, No 18,
Sep 73, pp 539-542.

JPRS 60460

Nov 73

Hantsche, Walter

Trade Unions Urged to Protect Members' Rights,
8 pp.

ARBEIT UND ARBEITSRECHT, East Berlin, No 18,

Sep 73, pp 543-547.

JPRS 60460

Nov 73

Iadensack, Klaus

Stable Occupation of Management Positions
Needed, 9 pp.

ARBEIT UND ARBEITSRECHT, East Berlin, No 3,

Feb 74, pp 83-87.

JPRS 61584

Apr 74.

Euler, H.

Normal Performance or Productivity Span.
ARBEIT LEISTUNG. 1966, Oct., pp.165-172.
BISI 10947

M. Jokl

The Influence of the Heat Conditions of the
Surroundings on the Work Output of a Person.
ARBEIT UND LEISTUNG, Vol 10, Jan 20, 1966, pp 173-80.
BISI 10863

Aug 73

Jokl, M.

The Minimal Work/Rest Requirements in Hot
Plants.

ARBEIT LEISTUNG, 1970, Vol. 24, No. 5,
BISI 10850

Schroder, G. A.

Experimental Investigations of Flow Formation in the
Powder-Gas Bell 34 pp

ARBETTSGRUPPE FUR BALLISTISCHE FORSCHUNG, WEIL AM RHEIN,
W. GERMANY, 1971

FSTC-HT-23-814-73

Schmidt, L.

The Question of Water and Electrolyte Levels at
High Temperatures

ARBEITSMEDIZIN, SOZIALMEDIZIN, ARBEITSHYGIENE, v. 1,

n. 2, 1966, pp. 44-50

WTC 73-21536-06P

WPTIS W73-10066

WUESTENBERG, D.

Faulty Behaviour, Near=Accidents, Accidents.
ARBEITSMEDIZIN, S OZIALMEDIZIN, ARBEITSHYGIENE,
vol. 6, pp. 116-121, 1971
NTC 73-10265-05H

March 73

Zenk, H.

Diseases of the upper respiratory tract,
caused by harmful chemical substances in
the course of work processes.

ARBEITSMEDIZIN-SOZIALMEDIZIN-ARBEITSHYGIENE,

1971, pp 144-147, v. 6.

NTC 73-12106-06J

Muller, E. A.

Efficiency of a health machine 14 pp
ARBEITSPHYSIOLOGIE, vol. 14, 1950, pp. 236-242
NASA TT F 15,600

Muller, E. A.

Energy turnover and pulse frequency with negative
muscle performance
9 pp.
ERGONOMICS, vol. 15, 1953, pp. 196-200
MASA 15, 1956

Radioactive Instruction: Instructions for Safety
Precautions in Handling Radium and Radioactive Materials
in Underground Mines and Stone Quarries.

ARBETARSKYDDSTYRELSENS ANVISNINGAR, No 82, 1972.

*USDI/BM

Available NTIS TT 73-55003

Mar 73

VARIOUS
//ARBORETUM KORNICKIE//
--/--/1968, V0013, N----
arboretum kornickie
English pp 1-306
Transalted fro ~~polish~~ *NTIS*
Avail Ly Serial

ARCH.

ARKHIV

ARCHIV

ARCHIWUM

ARCHIVES

ALL FILED TOGETHER

THEN ALPHABETICAL ON THE

SECOND WORD.

Mayr, E.

A. ACKER PFLANZENBAU, Vol 12, 1969, pp 112-120

*NTIS-TT-74-53029

Clausnitzer, J.

A Simplified Method for the Calibration of the
Neutron Probe for Soil Moisture Measurements

ARCH. ACKER PFLANZ. BODENKD. Vol 16, No 7, 1972
pp 539-546

*NTIS-TT-74-53194

BEKHTINA, V. G.
//ARKHIV ANATOMIY, GISTOLOGIY I EMBRIOLOGIY//
--/--/1958, V0035, N0001,
The morphological aspects of fertilisation in hens,
pp 92-100, NTC 74-11599-02E##

GUDZ. P. Z.

//ark anat gistol embriol//

--/--/1963, V0045, N0007

Morphological changes in muscles and nerves of
the extremities under conditions of over tran

training 14 pp

pp 55-63 NASA TT F 15251##

ZHDANOVA. A. G.

//ARKH ANAT GISTOL I EMBRIOL//

--/--/1965, V0029, N0012

Macrometric changes in the makeup of the human
body in hypodynamia 11 pp

pp 29-34 NASA TT F 15252##

Gozulov, S. A.

A study on the compression strength of human vertebrae.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII, Vol 51,

No 9, 1966, pp 13-18

NTC 73-13375-06P

Isobkallo, G.I.

Changes in Silver Impregnation of Nerve
Structures After Administration of Monoamine
Oxidase Inhibitors 4 pp

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII,
No 3, 1970, pp 102-104

FSTC-HT-23-2066-72

Ermolenko, S. F.

*Projection of the head of the Caudate Nucleus to the
cortex of the prefrontal and orbital regions of the
cat.*

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII, Vol 57, No 9,
1969, pp 51-58

NTC 73-13658-08P

Prives, M. G.

Effects of certain extreme stresses on structure
of the vascular system.

ARKHIV ANATOMII I GISTOLOGII I EMBRIOLOGII.

Vol 58, No 4, 1970, pp 9-19.

NASA TT F 15,081

Kotb, M. M.

*Peculiarities of the damaging effect of the structural
analogue of the antimalarial drug chloridine
(Preparation IEM-687) at various stages of the
Embryogenesis in white rats.*

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII, Vol 63, No 8,
1972, pp 88-96
NTC 73-14591-060

SOKOLOV, N. YE.
//ARKH, ANAT GISTOL. EMBRIOL, (USSR),//
--/04/1972, V0067, N0004,
The effect of hypodymania and hypokinesis on
the arterial tree of the pelvic muscles of the
rabbit's extremities, 7 pp
PP 48-52, NASA-TT-F-15511@@

PETELINA, YE. V.

//ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII//

--/--/1973, V0065, N0012, pp 0065-0071

Structure and Topography of Superior Olivary
Complex in the Dolphin 10 pp

JPRS 63790

#

ENTIN, T. I.

//ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII//

--/--/1973,V0065,N0012, pp 0092-0100

Histological Study of the Occipital Cortex in
the Dolphin Brain 13 pp

JPRS 63790

#

Vinnikov, Ya. A.

*Evolution of the gravireceptor and its investigation
under. ..*

ARKHIV ANATOMII GISTOLOYII I EMBRIOLOGII, no. 1, 1974,
pp. 10-25

*NASA TT F 15,574

Ducros, C.

Histochemical Study on the Distribution of
Biogenic Amines in the Posterior Salivary
Glands of the Cephalopodes

ARCHIVES D'ANATOMIE MICROSCOPIQUE, Vol 60, No. 4,
1971, pp 407-420

*NTIS-TT-74-53118

WALUKIEWICZ, STANISLAW
//ARCHIWUM AUTOMATY KI I TELEMCHANIKI//
--/--/1970, V0015, N0004,
Optimization of Spatial and Functional
Structures of Information Systems, 39 pp
ARM/FSTC/HT-23-477-72 ##

Janiszowski, K.

Global controllability of nonlinear systems
ARCHIWUM AUTOMATYKI I TELEMCHANIKI, Vol. 17,
No. 4, pp.379-387, 1972.
APL T-2789

Niederlinski, Antoni

The Theory and Practice of Automatic Control,
25 pp.

ARCHIWUM AUTOMATYKI TELEMCHANIKI, Warsaw,
Vol 18, No 2, 1973, pp 135-152.

JPRS 61413

Apr 74

Manczak, Kazimierz

Control in Large-Scale Systems, 19 pp.
ARCHIWUM AUTOMATYKI I TELEMCHANIKI, Warsaw,
Vol 18, No 2, 1973, pp 175-188.
JPRS 61413

Apr 74

Bubnicki, Zdzislaw

Mathematical Models and Identification of
Processes, 13 pp.

ARCHIWUM AUTOMATYKI I TELEMCHANIKI, Warsaw,
Vol 18, No 2, 1973, pp 189-198.

JPRS 61413

Apr 74

Traczyk, Wieslaw

The Theory of Digital Automata, 15 pp.
ARCHIWUM AUTOMATYKI I TELEMECHANIKI, Polish,
Vol 18, No 2, 1973, pp 199-208.
JPRS 61413

Apr 74

Pach, Antoni

Remote Control Systems, 21 pp.
ARCHIWUM AUTOMATYKI I TELEMCHANIKI, Warsaw,
Vol 18, No 2, 1973, pp 209-225.
JPRS 61413

Apr 74

Leskiewicz, Henryk J.

Polish Education in the Field of Automation
Science, 28 pp.

ARCHIWUM AUTOMATYKI I TELEMCHANIKI, Warsaw,
Vol 18, No 2, 1973, pp 227-249.

JPRS 61413

Apr 74

Gorecki, Henryk

The Theory of Control and Optimization, 29 pp.
ARCHIWUM AUTOMATYKI I TELEMCHANIKI, Warsaw,
Vol 18, No 3, 1973, pp 153-173.
JPRS 61413

Apr 74

VICHOT, H.
//ARCHIVES BELGES DE DERMATOLOGIE ET DE SYPHILI-
GRAPHIE//
---/1971, V0007, H----,
Clinical Experiments with Bufexamac in Proctology, 4pp,
pp 210-221, MIMI #1607, COPYRIGHTED, USIB Members Only@@

MOERLOOSE, J. DE.

//ARCHIVES BELGES DE MEDECINE SOCIALE, HYGIENE,
MEDECINE DU TRAVAIL ET MEDECINE LEGALE//

--/--/1968, V0026, N----,

The International Right of Doctors to Practice,
pp 507-528, NTC 74-11228-06138

15 pages

Tarnogrodzki, A.

Aerodynamic Coefficients of a Jet Flat Helicopter
Rotor While Hovering.

ARCHIWUM BUDOWY MASZYN, Vol 11, No 4, 1964,
pp 755-763.

ACSI-J-9624
FSTC-IEI-23-705-71

Aug 73

SZWAJ, STEFAN

//ARCHIWUM BUDOWY MASZYN//

--/--/1964,V0011,N0003, pp 0599-0618,

Shearing Strength of Soil During Quick

Deformation, 22 pp

NTIS-TT-73-54027

#

SZWAJ, STEFAN

//ARCHIWUM BUDOWY MASZYN//

--/--/1965,V0012,N0001, pp 0149-0164

Quick Compression of Soil in a Triaxial Testing
Device, 18 pp

NTIS-TT-73-54027

#

SZWAJ, STEFAN

//ARCHIWUM BUDOWY MASZYN//

--/--/1968,V0015,N0001, pp 0153-0166

Quick Strain Processes in Soil, 17 pp

NTIS-TT-73-54027.

#

A STUDY OF AGEING PROCESSES OF THERMOELECTRIC
SEMICONDUCTING MATERIALS

FERENS, BOGUSLA LANGUAGE-PO COUNTRY-PO

ARCHIUM BUDOWY MASZYN-QUARTERLY-XVII/4, 1970
, WARSAW, 611-619

FSTC-HT-23-0207-75

GOTTMANN-LUCKERATH, I.
//ARCHIV FÜR DERMATOLOGISCHE FORSCHUNG//
--/--/1973, VO246, N----,
Comparison of Patch Tests and Intradermal Tests
with Metal Salts of Chromium, Cobalt, Copper and
Nickel,
pp 150-166, NRC 74-11277-06183

Zesch, A.

*In vitro-penetration of radiolabelled hydrocortisone in
various vehicles in human skin.*

ARCHIV FÜR DERMATOLOGISCHE FORSCHUNG, Vol 248, 1973,
pp 336-354

NTC 73-14718-060

METZ, GUDRUM

//ARCHIV FUER DERMATOLOGISCHE FORSCHUNG//

--/--/1974,V0249,N0001,

*Intracytoplasmic ultrastructures in peripheral blood cells
in Lupus Erthematosus,*

pp 35-50,*NASA TT F 15,710@@

Hentschel, C.

The analysis of circuits with thin-film coils.

ARCHIV DER ELEKTRISCHEN UEBERTRAGUNG, Vol 26, No 7/8,

1972, pp 319-328

NTC 73-13606-09A

Lewkonja, G.

W-I-T-H-D-R-A-W-N

The hydrogen permeability of steel at 700 to
1000° (Communication of the Metallurgical In-
stitute of the Technical University, Berlin.)
ARCHIV, FÜR DAS EISENHUTTENWESEN, V.6, No. 10,
April 1933, pp.453-457.
BISI 11776

PEPPERHOFF. WERNER

//ARCHIV FUER DAS EISENHUETTENWESEN//

--/--/1961, V0032, N0004

Strucutre development with interference

vapor deposited layers 16 pp

pp 1-6 AIR/FTD/HC-23-2475-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES

ONLY: COPYRIGHT INFORMATION: OTHER REQUEST

FOR THIS DOCUMENT MUST BE REFERRED TO FTD##

BUHLER, HANS-EUGEN

//ARCHIV FUER DAS EISENHUETTENWESEN//

--/06/1965, V0036, N0006

Determination of residual austenite by the
interference layer method 16 pp

pp 457-462 AIR/FTD/HC-23-2478-74

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES
ONLY: COPYRIGHT **INFORMATION**: OTHER REQUEST
FOR THIS DOCUMENT MUST BE REFERRED TO FTD##

Faber, G.

*Crack formation in precipitation hardening materials
during annealing after welding.*

ARCHIV FUR DAS EISENHUTTENWESEN, Vol 36, 1965, pp 497-
500

C. E. trans 6312

Kudielka, H.

~~XXXXXXXX~~ X-Ray Diffraction on Polychrystalline
Compact Specimens. The Process of Nitride Precipitation
in Chromium Nickel Steels

ARCHIV FUR DAS EISENHUTTENWESEN, Vol 37, No 8
Aug 1966, pp 655-658

C.E. Trans 6272

Buhler, H.-E.

*Observations on the carburization and "irreversible"
transformation of iron-chromium-nickel-carbon alloys.*

ARCH. EISENHUETTENW., Vol 38, No 3, 1967, pp 223-228

ATS 1597-GJ

Kirchendoerfer, A.

Classification of steels according to their transition
temperatures as determined in notched bar impact test.
ARCHIV FUER DAS EISENHUETTENWESEN, v. 38, p. 456-460. 196

1967

NTC 73-10967 -11F

HOFFMANN, A.

//ARCHIV FÜR DAS EISENHÜTTENWESEN//

--/--/1967, V0038, N-----,

Effects of Oxygen, Carbon, Silicon and Aluminium
on the Supercooling and Microstructure of
High-Purity Iron,

pp 785-792, NEC 74-10750-11FCC

Szargat, J.

Application of the Difference Method to the
Determination of the Heat Transfer Coefficient
in Regenerators.

ARCH. EISEN., 1968, Jan., pp.23-31.

BISI 11637

Frohberg, M. G. et al

Thermodynamics of Complex Solutions Demonstrated
on Homogeneous Iron-Chromium-Phosphorus-Carbon
Melts.

ARCH. EISENH., 1968, Vol. 39, No. 8, pp.587-593.

BISI 10779

Naeser, G.

Acceleration of the Decarburizing and Denitriding of Dynamo Steel Strip by the Presence of Salt Films During Annealing in a Continuous Furnace.

ARCH. EISENH., 1968, Vol.39, Oct., pp.779-781.

*BISI 11512

Erdmann-Jasnitzer, F.

Electron probe microanalyser for heterogeneity of weld metal in austenitic steels.

ARCHIV FUR DAS EISENHUTTENWESEN, Vol 39, No 2, 1969,
pp 159-163

HB trans 7411

Randak, A.

Review of the Methods of Testing the Toughness
of High-Strength Steels.

ARCH. EISEN, V.40, N.4, pp.285-295.

BISI 7933

Rose, A.

Measurement of the Amounts of Carbide and of
Their Size Distributions in Some Tool Steels by
Means of the Quantitative Television Microscope.

ARCH. EISENH., April 1969, Vol. 40, No. 4,
pp. 323-331

BISI 7555

H. Schunkert

The Hexagonal E-Phase in Iron and Iron Alloys:
ARCH. EISENH., ~~Vol~~ 12, Vol 40, 1969, pp 1027-1037.
BISI 10215

Aug 73

Weiss, B.

The Dislocation Structure of Alternately stressed
Austenitic Steels

ARCHIV FÜR DAS EISENHÜTTENWESEN, v. 41, 1970,

p. 155-158

NTC 73-11890-11F

INTIS N72-25521

Diergarten, H.

Precipitates in high-carbon chromium steel.

ARCHIV FÜR DAS EISENHÜTTEN WESEN, Vol 41, No 2, Feb 1970

pp 179-184

C. E. Trans 6227

Florin, C.

Contribution to the Creep Rupture Strength of
Chromium-Molybdenum Vanadium Steels for Turbine
Manufacture.

ARCHIV FÜR DAS EISENHÜTTENWESEN, V.41, pp.231-
236, 1970.

HB 8665

Schmidtman, E.

Influence of High Triaxial Pressure on the Transformation Behaviour of Steels

ARCH. EISENH., 1970, Vol. 41, No. 6, pp 569-575

BISI 11257

Tromel, G. et al

Joint Effect Of Manganese And Magnesium Oxide
on the Slag Equilibria in the System Fe-CaO-
FeO-SiO₂ At 1600°C.

ARCHIV. EISENHUTT., Vol.41, 1970, pp.613-620,
July, No.7.

BISI 11765

Nacken, M. et al

Investigations on the Effect of Dissolved Carbon and Nitrogen on the Damping and Strength Properties of a Rimmed Low Carbon Steel.

ARCH. EISEN., 1970, Vol.41, No.7, pp.629-637.

*BISI 11555

KRISCH, A.
//ARCH. EISENH.//
--/--/1970, V0001, N----,
Creep Rupture Strength and Structure of the Steel
10 CrMo 9 10,
pp 835-840, BISI 1125400

Tuma, H.

Activity and solubility of carbon in austenitic
chromium-nickel steels with approximately 18%
Cr.

ARCHIV FUER DAS EISENHUETTENWESEN, v. 41, p. 983-988,
1970.

NTC 73-10800-11F

VAROUFAKIS. G. J.

//ARCH. EISENH//

--/--/1970, V0041, N0011

Examinations carried out on three iron spear-

heads of the 7th and 6th centuries BC

pp 1023-1026 *BISI 12591##

Rachmantio, H. et al

Study of the Magnetic Aging of Steels with
Additions of Niobium, Titanium or Zirconium.
ARCH. EISENH., 1970, Vol.41, No.11, pp.1095-
1102,
BISI 9919

Schenk, H.

The kinetics of the reaction between carbon and oxygen in molten iron at 1600°C.

ARCHIV FÜR DAS EISENHÜTTENWESEN, Vol. 42,

n. 2, 1971, p. 79-86

NRC C-11896

Wolf, H.

*The ring-core method of measuring residual stresses
and its application to turbine and generator shafts*
ARCHIV FÜR DAS EISENHÜTTENWESEN, v. 42, 1971, pp. 195-
200
HB-8635

Rittmann, K.

*Temperature rise of drawhole surface during the cold
drawing of steel bars at high speeds*

ARCHIV FUER DAS EISENHUETTENWESEN, v. 42, 1971,
pp. 265-271

HB-8492

Bester, H.

Correlation of the diffusion of carbon, oxygen, hydrogen
and sulphur in solid and molten iron.

ARCHIV FUER DAS EISENHUETTENWESEN, Vol 4, april 1972,
pp 283-289

*NASA TT F 14,939

may 1973

Extension of the Elementary Theory of Elasto- and
Plastostatics in Plane Deformation, by A. Troost.
ARCH. EISENH., 1972, Vol 42, May, 325-34.
BISI 10908

1471

April 72

Naumann, F. K.

*Changes in the microstructure of high-temperature
strength steels under creep-rupture stress*

ARCHIV FÜR DAS EISENHÜTTENWESEN, v. 42, 1971,

pp. 439-447

HB-8573

Schmeer, E.

Fracture of high-strength maraging
nickel-cobalt-molybdenum steels.
ARCHIV FUER DAS EISENHUETTENWESEN, 1971,
pp 489-493, v. 42, v. 7.
HB-8592.

Wolf, H.

Origin, Measurement and Assessment of Internal Stresses
in Heavy Forgings for Turbine Generators

ARCH. EISEN,. 1971, July 42, (7), pp 509-513

BISI-11315

Fishcer, W. A.

The solidification structure of iron. Part II.
Influence of rate of solidification and
concentration of the companion elements carbon,
sulfur, nitrogen, oxygen, phosphorus or
silicon on the form of the microstructure of
pure iron.

ARCHIV FUER DAS EISENHUETTENWESEN, Vol 42,

P. 541-549, 1971

HB-8601

may 73

Hoeller, P.

On the automation of optical emission spectrometric
analysis in the steelplant laboratory.

ARCHIV FUER DAS EISENHUETTENWESEN, Vol 42, p. 559-

564, 1971

HB-8597

may 73

Koch, K.-H.

Determination of Nitrogen Components in Steel
by Reduction with Hydrogen.

ARCHIV FUER DAS EISENHUETTENWESEN, V.42, pp.649-
653, 1971.

HB 8626

Schwenzfeier, W.

Possibilities and limitations of modern rolling
mill technology.

ARCH EISENH., 1972, Vol. 42, Oct., pp.707-712.

9 BISI 11307

1971

Huper, P. etal

Flow Mechanical and Reaction-Kinetic Phenomena
During the Vacuum Treatment of Liquid Steel
According to the Circulation Process.
ARCH. EISENH., 1971, Nov., pp.761-767.

BISI 10012

Scheel, R.

Investigations into the Process of Lime Disso-
lution.

ARCH. EISENH., 1971, Nov., pp.769-777.

BISI 11120

Koch, K. H. et al.

Determination of sulphur in solid and liquid
fuels by x-ray fluorescence

ARCHIV EISENHUTTENWESEN, vol. 42, no. 12, 1971,
pp. 883-885

HD TRANS. 8702

Jasienska, S.

Effect of A Heat Treatment on the Physical Properties
as well as on the Structure and Mineral Content
of Sinter

ARCH. EISENH., 1972, Vol 43 , No. 1, pp 11-14
BISI 1112

Slickers, K.

Phenomena Occurring in the Focus Range During
the Optical Emission Spectral Analysis with
Medium Voltage Excitation in Argon.
ARCHIV FUR DAS EISENHUTTENSESEN, 1972, Vol.43,
No. 1, pp.49-54.
*BISI 11560

Jakobova, A. et al

Influence of Molybdenum Content on the Creep
Rupture Strength of CrV Steels with Different
Yield Strengths at RT.

ARCH. EISENH., 1972, Vol. 43, pp.55-60.

BISI 11314

Buhler, H.

Contribution to the Question of the Change of
Alternating Fatigue Strength by Surface Machin
ing.

ARCH EISEN., 1972, Vol. 43, Jan, pp.61-65.

BISI 11320

F. R. Block

The Thermal Processes Which Occur During Down-Draft Sintering, by F. R. Block.

ARCH. EISENH., 1972, Vol 43, No 2, pp 83-91.

BISI 10834

April 73

Woelk, G.

Application of a Mathematical Model to the
Control of a Reheating Furnace.

ARCH. EISENH., 1972, Vol. 43, Feb. pp.103-107.

BISI 11015

Langhammer, H. J.

Approaches, based on processing principles, to the
solution of scrap melting problems in steelmaking
ARCH. EISENH., 1972, Vol. 43, No. 2, pp. 159-69
BISI 10342

june 73

TRIER, W.

Mathematical Models for Industrial High Temperature
Processes. Elucidated by the Example of the Glass Melting
Furnace

ARCHIV FUER DAS EISENHUETTENWESEN, vol. 43, pp. 171-
178, 1972

NTC 73-10335-07A

March 73

Bester, H.

Estimation of Average Values for the Diffusion
of Carbon, Oxygen, Hydrogen, Nitrogen and Sul-
phur in Solid and Liquid Iron.

ARCH. EISENH., 1972, Vol.43, No.3, pp.207-213.

BISI 10346